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FOREWORD

Environmental measurements are required to determine the quality of ambient waters and the character of waste effluents. The Environmental Monitoring and Support Laboratory-Cincinnati conducts research to:

- Develop and evaluate techniques to measure the presence and concentration of physical, chemical, and radiological pollutants in water, wastewater, bottom sediments, and solid waste.

- Investigate methods for the concentration, recovery, and identification of viruses, bacteria, and other microbiological organisms in water. Conduct studies to determine the responses of aquatic organisms to water quality.

- Conduct an Agency-wide quality assurance program to assure standardization and quality control of systems for monitoring water and wastewater.

Various publications and reports have been developed through the years that pertain to methodology, quality assurance, and related subjects. These have been compiled to make them more conveniently accessable to laboratory personnel and others concerned with water quality analyses.

Dwight G. Ballinger
Director
Environmental Monitoring and Support Laboratory

PREFACE

This compilation of publications and reports relate to various aspects of analytical methodology for water, environmental monitoring and quality assurance. The publications have been authored or co-authored by personnel of the Environmental Monitoring and Support Laboratory, Cincinnati (EMSL-CI), Office of Research and Development, United States Environmental Protection Agency or predecessor organizations.

The publications are presently available as reprints or from the referenced books and journals. The publications prepared by EMSL-CI personnel are contained in this single document and are compiled as a convenience for locating and requesting publications.

Other reports prepared by contractors and grantees for EMSL-CI listed with the available source in the publication, "Indexed Bibliography of Office of Research and Development Reports, EPA 600/9-74-002", and "ORD Publications and Summary Reports". These reports may be obtained from:

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